

NOTICE OF DRAFTSPERSON'S
PATENT DRAWING REVIEWThe drawing(s) filed (insert date) 2/6/01 are:

A. approved by the Draftsperson under 37 CFR 1.84 or 1.152.
 B. objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

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| 1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings: | 8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i) |
| Black ink. Color. ____ Color drawings are not acceptable until petition is granted. Fig(s) _____ | ____ Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____ |
| 2. PHOTOGRAPHS. 37 CFR 1.84(b) | 9. SCALE: 37 CFR 1.84(k) |
| ____ 1 full-tone set is required. Fig(s) _____ ____ Photographs may not be mounted. 37 CFR 1.84(e) ____ Poor quality (half-tone). Fig(s) _____ | ____ Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) _____ |
| 3. TYPE OF PAPER. 37 CFR 1.84(e) | 10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(i) |
| ____ Paper not flexible, strong, white, and durable. Fig(s) _____ ____ Erasures, alterations, overwritings, interlineations, tolds, copy machine marks not accepted. Fig(s) _____ ____ Mylar, velum paper is not acceptable (too thin). Fig(s) _____ | ____ Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) _____ |
| 4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes: ____ 21.0 cm by 29.7 cm (DIN size A4) ____ 21.6 cm by 27.9 cm (8 1/2 x 11 inches) ____ All drawing sheets not the same size. Sheet(s) _____ ____ Drawings sheets not an acceptable size. Fig(s) _____ | 11. SHADING. 37 CFR 1.84(j) |
| 5. MARGINS. 37 CFR 1.84(g): Acceptable margins: | ____ Solid black areas pale. Fig(s) _____ ____ Solid black shading not permitted. Fig(s) _____ ____ Shade lines, pale, rough and blurred. Fig(s) _____ |
| Top 2.5 cm Left 2.5cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Top 2.5cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11 Margins not acceptable. Fig(s) _____ ____ Top (T) _____ Left (L) _____ ____ Right (R) _____ Bottom (B) _____ | 12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p) |
| 6. VIEWS. 37 CFR 1.84(h)(i): REMINDER: Specification may require revision to correspond to drawing changes. Partial views. 37 CFR 1.84(h)(2) | ____ Numbers and reference characters not plain and legible. Fig(s) _____ ____ Figure legends are poor. Fig(s) _____ ____ Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) _____ ____ English alphabet not used. 37 CFR 1.84(p)(2) Figs _____ ____ Numbers, letters and reference characters must be at least .32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3) Fig(s) _____ |
| 7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3) | 13. LEAD LINES. 37 CFR 1.84(q) |
| ____ Hatching not indicated for sectional portions of an object. Fig(s) _____ ____ Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____ | ____ Lead lines cross each other. Fig(s) _____ ____ Lead lines missing. Fig(s) _____ |
| COMMENTS | 14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(l) |
| <i>Remove Border lines</i> | |
| REVIEWER <u>W</u> | DATE <u>2/1/03</u> TELEPHONE NO. _____ |
| ATTACHMENT TO PAPER NO. <u>9</u> | |

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REMINDER

Drawing changes may also require changes in the specification, e.g., if Fig. 1 is changed to Fig 1A, Fig. 1B, Fig.1C, etc., the specification, at the Brief Description of the Drawing, must likewise be changed. Please make such changes by 37 CFR 1.312 Amendment at the time of submitting drawings.

INFORMATION ON HOW TO EFFECT DRAWING CHANGES

1. Correction of Drawings - 37 CFR 1.85

File new drawings with the changes incorporated therein. Identifying indicia, if provided, should include the title of the invention, inventor's name, and application number, or docket number (if any) if an application number has not been assigned to the application. If this information is provided, it must be placed on the front of each sheet and centered within the top margin. The drawing should be filed as a separate paper with a transmittal letter addressed to the Drawing Review Branch.

2. Timing for Corrections

Applicant is required to submit acceptable corrected drawings within the three-month shortened statutory period set in the Notice of Allowability (PTOL-37).

Failure to take corrective action within set period will result in ABANDONMENT of the Application.

3. Corrections other than Defects Noted by the Drawing Review Branch on the Form PTO-948

All changes to the drawings, other than defects noted by the Drawing Review Branch, MUST be approved by the examiner before the application will be allowed. No changes will be permitted other than correction of defects, unless the examiner has approved the proposed changes.

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